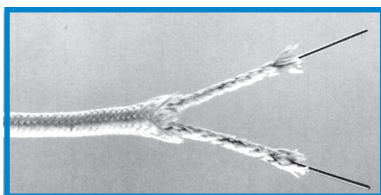


INSULATED THERMOCOUPLE WIRE

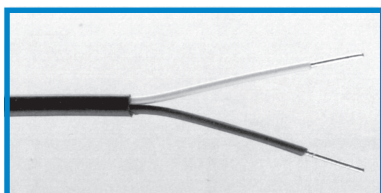
ANSI Type J Iron/Constantan (2 Conductor)



Insulation Color Code:
 Positive: White
 Negative: Red
 Overall: Brown
Also available in stranded configuration.

| CUSTOM CATALOG NUMBER | SIZE AWG/MCM | INSULATION | | TYPE | TEMP (°F) | | NOMINAL SIZE | WT/MFT |
|-----------------------|-----------------|---------------|---------------|-------|------------|--------------|--------------|--------|
| | | SINGLES | JACKET | | CONTINUOUS | INTERMITTENT | | |
| 54100 | 20 | Ceramic Braid | Ceramic Braid | Solid | 2200 | 2600 | .125 x .195 | 16 |
| 54101 | 16 | Hi Temp | Hi Temp | Solid | 1200 | 1500 | .105 x .185 | 20 |
| 54102 | 20 | Hi Temp | Hi Temp | Solid | 1200 | 1500 | .085 x .145 | 15 |
| 54103 | 24 | Hi Temp | Hi Temp | Solid | 1200 | 1500 | .075 x .120 | 10 |
| 54104 | 16 | Fiberglass | Fiberglass | Solid | 950 | 1200 | .087 x .155 | 18 |
| 54105 | 20 | Fiberglass | Fiberglass | Solid | 950 | 1200 | .058 x .105 | 9 |
| 54107 | 24 | Fiberglass | Fiberglass | Solid | 950 | 1200 | .042 x .070 | 5 |
| 54108 | 20 | FEP | FEP | Solid | 400 | 500 | .072 x .124 | 11 |
| 54109 | 24 | FEP | FEP | Solid | 400 | 500 | .060 x .100 | 7 |

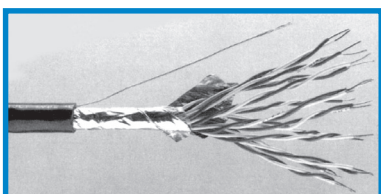
ANSI Type JX Iron/Constantan (2 Conductor)



Insulation Color Code:
 Positive: White
 Negative: Red
 Overall: Yellow
Available in stranded configuration*
Available with overall shield*

| CUSTOM CATALOG NUMBER | SIZE AWG/MCM | INSULATION | | TYPE | TEMP (°F) | | NOMINAL SIZE | WT/MFT |
|-----------------------|-----------------|------------|----------------|-------|------------|--------------|--------------|--------|
| | | SINGLES | JACKET | | CONTINUOUS | INTERMITTENT | | |
| 54130 | 16 | Fiberglass | Fiberglass | Solid | 400 | | .087 x .155 | 18 |
| 54131 | 20 | Fiberglass | Fiberglass | Solid | 400 | | .058 x .105 | 9 |
| 54132 | 16 | FEP | FEP | Solid | 400 | | .107 x .158 | 32 |
| 54132S | 16 | FEP | FEP Twist/Shld | Solid | 400 | | .180 | 38 |
| 54133 | 20 | FEP | FEP | Solid | 400 | | .072 x .124 | 11 |
| 54133S | 20 | FEP | FEP Twist/Shld | Solid | 400 | | .146 | 22 |
| 54134 | 16 | PVC | PVC | Solid | 400 | | .120 x .207 | 26 |
| 54136 | 20 | PVC | PVC | Solid | 220 | | .095 x .150 | 14 |

Thermocouple Extension Cable - Overall Shielded Type JX Cable Iron/Constantan UL PLTC 300 Volt



Construction

- PVC Insulation & Jacket
- 20 AWG Solid extension wire
- Singles Insulation: 15 mils 105°C PVC
- Jacket and Individual Pairs are ANSI MC96.1
- Twisted Pairs
- One conductor of each pair is numbered
- Overall Shield: Aluminum/Polyester
- Overall drain plus communications wire
- Jacket: 90°C FR-PVC

| CUSTOM CATALOG NUMBER | NO. OF PAIRS | NOMINAL OUTER JACKET THICKNESS | NOMINAL O.D. (Inches) | MINIMUM BENDING RADIUS (Inches) | MAXIMUM PULLING TENSION (lbs.) | WT/MFT |
|-----------------------|--------------|--------------------------------|-----------------------|---------------------------------|--------------------------------|--------|
| 54150 | 1 | .035 | .220 | 1.45 | 26 | 27 |
| 54151 | 2 | .042 | .322 | 2.00 | 40 | 50 |
| 54152 | 4 | .042 | .370 | 2.50 | 75 | 76 |
| 54153 | 6 | .052 | .440 | 2.70 | 105 | 110 |
| 54154 | 8 | .052 | .475 | 3.00 | 142 | 129 |
| 54155 | 10 | .052 | .540 | 3.25 | 170 | 155 |
| 54156 | 12 | .052 | .560 | 3.25 | 210 | 175 |
| 54157 | 16 | .062 | .645 | 3.70 | 275 | 230 |
| 54158 | 20 | .062 | .670 | 4.00 | 330 | 280 |
| 54159 | 24 | .062 | .745 | 4.80 | 405 | 325 |
| 54160 | 36 | .072 | .890 | 6.00 | 600 | 470 |
| 54161 | 50 | .072 | .995 | 6.00 | 830 | 640 |

* Individual and overall shield also available upon request. Please specify when ordering.

Custom Cable Corp.